

Title (en)
Perfluoroelastomers

Title (de)
Perfluoroelastomere

Title (fr)
Perfluoroélastomères

Publication
EP 1308467 B1 20050831 (EN)

Application
EP 02022756 A 20021011

Priority
IT MI20012165 A 20011018

Abstract (en)
[origin: EP1308467A2] Perfluoroelastomers, curable by peroxidic route, obtainable by polymerizing the following monomers: a) tetrafluoroethylene (TFE); b) fluorovinylethers of general formula: $\text{CFX}=\text{CXOCF}_2\text{OR}$ c) bis-olefins having general formula: $\text{R}<\text{I}>1\text{R}<\text{I}>2\text{C}=\text{CR}<\text{I}>3\text{-Z-CR}<\text{I}>4=\text{CR}<\text{I}>5\text{R}<\text{I}>6$ d) optionally, one or more fluorinated olefinic comonomers selected from C2-C8 perfluoroolefins, perfluoroalkylvinylethers (PAVE) $\text{CF}_2=\text{CFOR}<2>\text{f}$, perfluoro-oxyalkylvinylethers $\text{CF}_2=\text{CFOX}<\text{a}>$, said perfluoroelastomers comprising iodine and/or bromine atoms in the chain and/or in end position, said halogen atoms deriving from "cure site" comonomers and/or from chain transfer agents used in polymerization.

IPC 1-7
C08F 214/26; **C08F 236/20**

IPC 8 full level
C08J 5/00 (2006.01); **C08F 14/26** (2006.01); **C08F 214/18** (2006.01); **C08F 214/26** (2006.01); **C08F 236/20** (2006.01); **C08K 5/00** (2006.01); **C08L 27/18** (2006.01)

CPC (source: EP US)
C08F 214/26 (2013.01 - EP US); **C08F 236/20** (2013.01 - EP US)

Cited by
US10023670B2; EP1621559A3; EP2195350A4; US2014114009A1; US9688786B2; US2009286922A1; US8168714B2; US2010069558A1; US8476356B2; US2013129954A1; US9156926B2; EP3075752A4; US2011294938A1; US2012226077A1; US8940944B2; US9234063B2; US2011294944A1; US2017008987A1; CN108137723A; KR20180059746A; EP3357936A4; RU2731565C1; US10023671B2; US7488787B2; US7514512B2; US7544752B2; WO2010092022A1; WO2010092021A1; WO2010076876A1; WO2004024788A1; US7148300B2; US8835551B2; US10787531B2

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EP 02022756 A 20021011; BR 0204232 A 20021017; DE 60205841 T 20021011; DE 60225606 T 20021011; EP 05010808 A 20021011; IT MI20012165 A 20011018; JP 2002303394 A 20021017; RU 2002127937 A 20021017; US 27063302 A 20021016